

	L #	Search Text	Hits	DBs
1	L1	"APPLICATION No. (AN):" 10/708,790	1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
2	L2	"APPLICANT CITED US PATENT ART (IDS):" ("5354045").pn.	1	USPAT
3	L3	("3904190" "3976421" "4260146" "4269405" "4758126" "4822234" "5121914").PN. OR ("5354045").URPN.	15	US-PGPUB; USPAT; USOCR
4	L4	"ABOVE STATEMENT SEARCHES FORWARD/BACKWARD CITATIONS OF APPLICANT CITED US PATENT ART (F/B):" "NONE:."	0	US-PGPUB; USPAT; USOCR
5	L5	"BROAD SEARCH AREA: PRODUCTS APPLYING CLAIMED TECH. + AN + IDS + F/B:." 1 2 3 (ATM "automated teller machine" "bill changer" cashbox "cash dispenser" "check sorter" "check sorting" "check cancellation" "check adj canceling" "currency acceptor" "currency dispenser" "image forming" "mail sorter" "mail sorting" "mail opener" "mail opening" "mailing machine" "mailing apparatus" "mail processing" "paper handling" "paper processing" payout " sheet handling" "sheet processing")	161 254	US-PGPUB; USPAT; USOCR
6	L6	"BROAD SEARCH AREA: US & IPC CLASSES CONTAINING TECH. + AN + IDS + F/B:." 1 2 3 "conveying:." "198"/\$.ccls. "mail sortation:." "209"/\$.ccls. "collating:." "270"/\$.ccls. "sheet handling:." "271"/\$.ccls. "postage metering:." "705"/\$.ccls. "money handling :." "902"/\$.ccls. B65H\$/\$.ipc.	246 085	US-PGPUB; USPAT; USOCR

	L #	Search Text	Hits	DBs
7	L7	"MOST RELEVANT SEARCH AREA: US & IPC CLASS + AN +IDS + F/B.:" 1 2 3 "sheet handling.:" "271"/\$.ccls. "postage metering.:" "705"/\$.ccls. B65H\$/\$.ipc.	883 20	US-PGPUB; USPAT; USOCR
8	L8	"MOST RELEVANT US & IPC CLASS/SUBCLASS + AN +IDS + F/B.:" "Stack on edge.:" 271/31.1.ccls. B65H001/02.ipc. "pack advancer supports sheets on edge in combination with a reciprocating feeder.:" 271/129.ccls. B65H001/08.ipc. "for a pack advancer of general utility which supports sheets on edge.:" 271/149.ccls. B65H001/08.ipc. "Supported by moving conveyor belt.:" 271/150.ccls. B65H001/02.ipc. "Control of advancer responsive to sensing of foremost sheet.:" 271/152.ccls. B65H001/18.ipc. "Sensor included in feed mechanism.:" 271/153.ccls. B65H001/18.ipc. "Sensor activates electric or fluidic circuit.:" 271/154.ccls. B65H001/16.ipc.	425 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
9	L9	"REQUIRED SEARCH AREA: US CLASS/SUBCLASS + AN +IDS + F/B.:" "Stack on edge.:" 271/31.1.ccls. "for a pack advancer of general utility which supports sheets on edge.:" 271/149.ccls. "Supported by moving conveyor belt.:" 271/150.ccls. "Control of advancer responsive to sensing of foremost sheet.:" 271/152.ccls. "Sensor included in feed mechanism.:" 271/153.ccls. "Sensor activates electric or fluidic circuit.:" 271/154.ccls.	130 0	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Search Text	Hits	DBs
10	L1 0	"APPLICANT(S) NAME(S):" (ralph near4 pittelkow).in.	11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
11	L1 1	"ASSIGNEE(S) NAME(S):" "." (mathias near4 bauerle).as.	52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
12	L1 2	"PROBLEM The INVENTION SOLVES - WORD/SYNONYM SEARCH:." (delay delaying delays delaying hysteresis long length lengthen lengthening longer postponed postpones postponing retard retarded retarding retards slow slowed slowing slows) with (detector detectors detects detecting detectable detection detected sense sensor sensors sensing sensed trigger triggers triggered triggering) or (absolute absolutely accurate accurateness accuracy correct correctly correctness exact exactly exactness optimum optimize optimized precise precisely preciseness right unchangeable incorrect inexact imprecise) with (conveyor conveyed conveying conveys)	502 556	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Search Text	Hits	DBs
13	L1 3	"PROBLEM The INVENTION SOLVES - WORD/SYNONYM SEARCH.:" (fed feed feeder feeding feeds head individual individually "one at a time" "one by one" overlap overlaps overlapped overlapping pick picking picked picks pickup "pick up" "pick-up" separate separator separating separated separation separable seriatim singulate singulator singulating singulated singulates "take off") same ((delay delaying delays delaying hysteresis long length lengthen lengthening longer postponed postpones postponing retard retarded retarding retards slow slowed slowing slows) with (detector detectors detects detecting detectable detection detected sense sensor sensors sensing sensed trigger triggers triggered triggering) or (absolute absolutely accurate accurateness accuracy correct correctly correctness exact exactly exactness optimum optimize optimized precise precisely preciseness right unchangeable incorrect inexact imprecise) with (conveyor conveyed conveying conveys))	129 953	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
14	L1 4	"SEARCH LIMITED TO SEARCH AREA.:" 13 and 6	126 09	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Search Text	Hits	DBs
15	L1 5	"SEARCH LIMITED TO SEARCH AREA.:" 13 and 7	473 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
16	L1 6	"SEARCH LIMITED TO SEARCH AREA.:" 13 and 8	185	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
17	L1 7	"INVENTIVE CONCEPT - WORD/SYNONYM SEARCH.:" (pusher pushers "push plate" "push plates" "back up" backup back-up "end plate" carrier slide slides carriers) with (bias biased biasing biases elastic elasticity flexible flexibility flexing resilient resiliency resiliently spring springs sprung extension compression torsion negator coil leaf)	435 688	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Search Text	Hits	DBs
18	L1 8	"INVENTIVE CONCEPT - WORD/SYNONYM SEARCH.:" (fed feed feeder feeding feeds head individual individually "one at a time" "one by one" overlap overlaps overlapped overlapping pick picking picked picks pickup "pick up" "pick-up" separate separator separating separated separation separable seriatim singulate singulator singulating singulated singulates "take off") same (pusher pushers "push plate" "push plates" "back up" backup back-up "end plate" carrier slide slides carriers) with (bias biased biasing biases elastic elasticity flexible flexibility flexing resilient resiliency resiliently spring springs sprung extension compression torsion negator coil leaf)	149 127	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
19	L1 9	"SEARCH LIMITED TO SEARCH AREA.:" 18 and 6	674 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
20	L2 0	"SEARCH LIMITED TO SEARCH AREA.:" 18 and 7	286 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Search Text	Hits	DBs
21	L2 1	"SEARCH LIMITED TO SEARCH AREA.:" 18 and 8	176	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
22	L2 2	"NEXT STATEMENT SEARCHES FORWARD/BACKWARD CITATIONS of TAGGED REFERENCES.:"	0	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
23	L2 3	("1061585" "2394410" "4483124" "4733765").PN. OR ("4971310").URPN.	9	US-PGPUB; USPAT; USOCR